



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: )  
Shunpei YAMAZAKI et al. ) Examiner: Paul E. Brock, II  
Serial No. 08/520,079 ) Group Art Unit: 2815  
Filed: August 28, 1995 ) Dated: August 25, 2006  
For: SEMICONDUCTOR CIRCUIT FOR ELECTRO- )  
OPTICAL DEVICE AND METHOD OF )  
MANUFACTURING THE SAME )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

The undersigned certifies (except for the family patents cited herein) that either (1) each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in connection with a counterpart foreign application not more than three (3) months prior to the filing of this statement, or (2) no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

The references noted on the attached PTO-1449 were cited in the counterpart Japanese Patent Application and mailed to applicants on June 13, 2006.

Applicant wishes to note the following family related reference:

U.S. Patent No. 5,858,823 (previously cited) is in the same family as Japanese Application No. JP-08-070129.

EP 0 178 447 and U.S. Patent No. 5,077,233 are in the same family as Japanese Application No. JP-61-166074.

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U.S. Patent Nos. 5,453,858; 5,514,879; 5,614,732; 5,701,167; 5,849,601 (previously cited); 5,859,445; 6,011,277; 6,023,075; 6,252,249; 6,281,520, 6,306,213; 6,737,676; and U.S. Publication Nos. 2001/0054714 and 2001/0014535 are in the same family as Japanese Application No. JP-04-186775.

U.S. Patent Nos. 4,727,044; 4,949,700; 5,142,344; 5,313,077; 6,221,701; 6,635,520; 6,660,574; 6,680,486; 6,734,499; 5,315,132 (previously cited); and 5,543,636 (previously cited) are in the same family as Japanese Application No. JP-60-245173.

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge the \$180 fee for the instant filing, or credit any overpayment to Deposit Account No. 19-2380 (740756-1400).

Respectfully submitted,

By:   
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Substitute for form 1449A/PTO				Complete if Known		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	08/520,079	
				Filing Date	August 28, 1995	
				First Named Inventor	Shunpei YAMAZAKI et al.	
				Art Unit	2815	
				Examiner Name	Paul E. Brock, II	
Sheet	1	of	2	Attorney Docket Number	740756-1400	
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code <sup>2</sup> (if known)				
		US-4,727,044	02/23/1988	YAMAZAKI		
		US-4,959,700	09/25/1990	YAMAZAKI		
		US-5,077,233	12/31/1991	MUKAI		
		US-5,142,344	08/25/1992	YAMAZAKI		
		US-5,313,077	05/17/1994	YAMAZAKI		
		US-5,453,858	09/26/1995	YAMAZAKI		
		US-5,514,879	05/07/1996	YAMAZAKI		
		US-5,614,732	03/25/1997	YAMAZAKI		
		US-5,701,167	12/23/1997	YAMAZAKI		
		US-5,859,445	01/12/1999	YAMAZAKI		
		US-6,011,277	01/04/2000	YAMAZAKI		
		US-6,023,075	02/08/2000	YAMAZAKI		
		US-6,221,701 B1	04/24/2001	YAMAZAKI		
		US-6,252,249 B1	06/26/2001	YAMAZAKI		
		US-6,281,520 B1	08/28/2001	YAMAZAKI		
		US-6,306,213 B1	10/23/2001	YAMAZAKI		
		US-6,635,520 B1	10/21/2003	YAMAZAKI		
		US-6,660,574 B1	12/09/2003	YAMAZAKI		
		US-6,680,486 B1	01/20/2004	YAMAZAKI		
		US-6,734,499 B1	05/11/2004	YAMAZAKI		
		US-6,737,676 B1	05/18/2004	YAMAZAKI		
		US-2001/0014535 A1	08/16/2001	YAMAZAKI		
		US-2001/0054714 A1	12/27/2001	YAMAZAKI		
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP-04-186635	07/03/1992	SATO		AB
		JP-04-186737	07/03/1992	YAMAZAKI		AB
		JP-04-186775	07/03/1992	YAMAZAKI		AB
		JP-06-132305	05/13/1994	KASHIMOTO		AB
		JP-08-070129	03/12/1996	YAMAZAKI et al.		AB
Examiner Signature				Date Considered		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	2	Attorney Docket Number		740756-1400	

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		Number - Kind Code <sup>2</sup> (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS							
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		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		JP-60-	245173	12/04/1985	YAMAZAKI		FULL
		JP-61-	166074	07/26/1986	MUKAI		AB
		JP-63-	056912	03/11/1988	SHINPO et al.		AB
		EP-0	178 447	04/23/1986	MUKAI		FULL

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature		Date Considered	
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